

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16	(CHEN near2 LECHONG)".in. "(XIANG near2 MA).in.	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:05
S2	4849	(713/1 713/2 713/100).ccls.	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:06
S3	1744	(device\$1 peripheral\$1) near4 (unnecessary requir\$3 need\$3 critical) near4 (boot\$3 initializ\$5)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:13
S4	28	S3 same (assign\$4 allocat\$3 provid\$3) near3 resourc\$2	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:09
S5	19	S4 and (resource\$2 near4 (enough sufficient available))	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:15
S6	13	S5 and pic	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:09
S7	56929	ci	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:09
S8	19	S5 and pci	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:09
S9	255	resource\$1 near4 (allocat\$3 assign\$4 provid\$3) with (device\$1 peripheral\$1) near4 (requir\$3 necessary critical)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:20
S10	23	S9 same boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:14
S11	18	S10 and (resource\$2 near4 (enough sufficient available))	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:20
S12	68	(enabl\$3 (resource\$1 near4 (allocat\$3 assign\$4 provid\$3))) with (device\$1 peripheral\$1) near4 (requir\$3 necessary critical need\$3) near4 (boot\$9 initializ\$5)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:21
S13	9	S12 with only	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:29
S14	2115	(device\$1 peripheral\$1) near4 (requir\$3 need\$3 necessary critical minimum) near4 (boot\$3 initializ\$5)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:44

## EAST Search History

S15	189	S14 with (enabl\$3 allocat\$3 assign\$4 provid\$3 allow\$3)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:42
S16	32	S15 and S2	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 11:59
S17	8	(marc near2 wilson).in.	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:37
S18	63	("4268901"   "4317183"   "4562535"   "4589063"   "4604690"   "4660141"   "4727475"   "4730251"   "4974151"   "4982325"   "5014193"   "5038294"   "5109484"   "5136709"   "5157384"   "5197093"   "5249270"   "5252951"   "5257368"   "5257379"   "5257387"   "5263148"   "5289372"   "5297262"   "5319790"   "5335350"   "5359713"   "5371492"   "5379431"   "5386551"   "5386567"   "5394556"   "5408618"   "5412798"   "5420987"   "5428748"   "5432941"   "5450570"   "5452454"   "5454078"   "5459867"   "5459869"   "5469545"   "5471675"   "5485460"   "5491813"   "5517636"   "5517646"   "5553281"   "5581261"   "5615389"   "5655148"   "5659786"   "5787246"   "5815731"   "5826082"   "5881252"). PN. OR ("6763454").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/07 17:41
S19	220	S14 with (enabl\$3 allocat\$3 assign\$4 provid\$3 allow\$3 activat\$3)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:42
S20	0	S19 same (prevent\$3 disabl\$3 deactivat\$3) near4 (other remain\$3 rest)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:43
S21	4	S19 and (prevent\$3 disabl\$3 deactivat\$3) near4 (other remain\$3 rest)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:43
S22	2080	(device\$1 peripheral\$1) near4 (requir\$3 need\$3 necessary critical) near4 (boot\$3 initializ\$5)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:44
S23	294	S22 and S2	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/07 17:44
S24	227	pci near3 enumerat\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:05
S25	3	S24 same (resource\$1 near4 (enough sufficient availab\$5))	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:07

## EAST Search History

S26	392	(peripheral\$1 device\$1) near6 (needed required necessary critical) with (allocat\$3 assign\$4 provid\$3) near5 resource\$1	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:11
S27	0	S26 same (disabl\$3 deactivat\$3) near5 (remain\$3 rest other\$1)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:10
S28	63	S26 same (resource\$1 near5 (sufficient enough availab\$5))	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:13
S29	26	S28 and (pci efi)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:12
S30	23	S26 same (resource\$1 near5 (sufficient enough availab\$5) near5 (check\$3 determin\$3 ensur\$3))	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:18
S31	76	(disabl\$3 deactivat\$3) near5 (peripheral\$1 device\$1) near5 optional	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:17
S32	0	S31 same (resource\$1 near5 (sufficient enough availab\$5) near5 (check\$3 determin\$3 ensur\$3))	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:18
S33	0	S31 and (resource\$1 near5 (sufficient enough availab\$5) near5 (check\$3 determin\$3 ensur\$3))	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:42
S34	1306	efi	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:21
S35	32	("5355489"   "5634075"   "5655148"   "5748980"   "5836013").PN. OR ("5999989").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 12:33
S36	8	resource\$1 near5 (insufficient unavailable) with (device\$1 peripheral\$1) near4 (disabl\$3 deactivat\$3 prevent\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 12:35
S37	8	resource\$1 near5 (insufficient unavailable) with (device\$1 peripheral\$1) near4 (disabl\$3 deactivat\$3 prevent\$3)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:38
S38	41	(peripheral\$1 device\$1) near6 (needed required necessary critical) near6 boot\$3 with (enabl\$3 activat\$3)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:11
S39	29	S26 with only	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:39
S40	7526	(resource\$1 near5 (sufficient enough availab\$5) near5 (check\$3 determin\$3 ensur\$3))	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:42

## EAST Search History

S41	94	S40 and (S26 S38)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:42
S42	23	S40 same (S26 S38)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:56
S43	669	(peripheral\$1 device\$1) near6 (needed required necessary critical) near6 boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:57
S44	78	S43 with (configur\$3 enabl\$3 activat\$3)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:05
S45	4856	(713/1 713/2 713/100).ccls.	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:57
S46	24	S44 and S45	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 12:57
S47	14	("5634075"   "5655148"   "5748980"   "5822582"   "5999989").PN. OR ("6154836").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 13:03
S48	0	S43 with (reallocat\$3 re-allocat\$3 reassign\$4 re-assign\$4 tak\$3) near4 another	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:06
S49	0	S43 with (reallocat\$3 re-allocat\$3 reassign\$4 re-assign\$4)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:07
S50	699	(peripheral\$1 device\$1) near6 (needed required necessary critical essential) near6 boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 14:59
S51	281	(assign\$4 allocat\$3 provid\$3) near4 irq\$1	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:17
S52	0	S50 same S51	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:12
S53	14	S50 and S51	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:13
S54	51120	(assign\$4 allocat\$3 provid\$3) near4 (irq\$1 dma i/o\$1 port\$1)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:18
S55	2	S54 same S50	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:18

## EAST Search History

S56	55	S54 and S50	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:18
S57	41	S56 not S53	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 13:19
S58	1	S50 with (favor\$3 prefer\$4 priority defer\$4) near3 (allocat\$3 assign\$4 provid\$3 enabl\$3 activat\$3)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 15:03
S59	3373	(device\$1 peripheral\$1) near4 conflict\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 15:02
S60	2	S50 with (favor\$3 prefer\$4 priority defer\$4)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 15:03
S61	17	S59 same S50	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 15:08
S62	27594	(insufficient enough unavailable available) near5 (port\$1 irq\$1 i/o\$1 memory adj map\$4)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 15:10
S63	59	S62 with (device\$1 peripheral\$1) near5 (disabl\$3 deactivat\$3 prevent\$3)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 15:11
S64	2	S63 and S45	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 15:10
S65	33	S63 same boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 15:12
S66	7511	pci adj (peripheral\$1 device\$1)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 16:11
S67	5	(pci adj (peripheral\$1 device\$1)) near6 boot\$3 near6 (requir\$3 need\$3 necessary essential critical)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 16:21
S68	549	optional near3 (device\$1 peripheral\$1) near7 (configur\$3 allocat\$3 assign\$4 provid\$3)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 16:13
S69	13	S68 same boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 16:14
S70	1622	(configur\$3 allocat\$3 assign\$4 provid\$3) near5 (device\$1 peripheral\$1) with boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 16:14

## EAST Search History

S71	42	after near5 (configur\$3 allocat\$3 assign\$4 provid\$3) near5 (device\$1 peripheral\$1) with boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 16:21
S72	46	(pci adj (peripheral\$1 device\$1)) near6 boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 16:48
S73	0	efi with pci near3 configur\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 17:01
S74	288	efi with boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 17:02
S75	210	S74 and (device\$1 peripheral\$1) near5 (boot\$3 configur\$5 allocat\$3 assign\$4 provid\$3)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 17:02
S76	103	S75 and S45	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 17:02
S77	1	(device\$1 peripheral\$1) near4 (prob\$3 enumerat\$3) with efi	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 17:40
S78	312977	(device\$1 peripheral\$1) near4 (configur\$5 initializ\$5)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 17:41
S79	57	S78 same efi	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 17:41
S80	29	S79 and S45	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 17:42
S81	424	efi and "firmware interface"	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/08 17:48
S82	4635	(resource\$1 irq\$1 i/o\$1) near4 (unavailable "not available" "not enough" insufficient)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:31
S83	13	S82 with (allocat\$3 assign\$4 provid\$3) near4 (device\$1 peripheral\$1)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:34
S84	897	((device\$1 periph\$1) near4 (requir\$5 necessary essential need\$3)) near6 boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:53
S85	5102	(determin\$3 check\$3) near4 (resource\$1 irq\$1 i/o\$1) near4 (enough available sufficient)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:52

## EAST Search History

S86	4	S84 same S85	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:36
S87	63	("4268901"   "4317183"   "4562535"   "4589063"   "4604690"   "4660141"   "4727475"   "4730251"   "4974151"   "4982325"   "5014193"   "5038294"   "5109484"   "5136709"   "5157384"   "5197093"   "5249270"   "5252951"   "5257368"   "5257379"   "5257387"   "5263148"   "5289372"   "5297262"   "5319790"   "5335350"   "5359713"   "5371492"   "5379431"   "5386551"   "5386567"   "5394556"   "5408618"   "5412798"   "5420987"   "5428748"   "5432941"   "5450570"   "5452454"   "5454078"   "5459867"   "5459869"   "5469545"   "5471675"   "5485460"   "5491813"   "5517636"   "5517646"   "5553281"   "5581261"   "5615389"   "5655148"   "5659786"   "5787246"   "5815731"   "5826082"   "5881252"). PN. OR ("6763454").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/16 20:51
S88	2227	(device\$1 peripheral\$1) near4 (request\$3 demand\$3) near4 resource\$1	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:51
S89	1	S88 with boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:52
S90	4901	(determin\$3 check\$3) near4 resource\$1 near4 (enough available sufficient)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:52
S91	57	S88 same S90	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:52
S92	1	S91 same boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:53
S93	1	S91 and S84	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:53
S94	642679	((device\$1 periph\$1) near4 (requir\$5 necessary essential need\$3))	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:54
S95	654307	((device\$1 periph\$1) near4 (requir\$5 necessary essential need\$3 critical))	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:54
S96	2624	boot adj2 (device\$1 periph\$1)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:54

## EAST Search History

S97	8	S96 near6 (allocat\$3 assign\$4 provid\$3 giv\$3 grant\$3) near3 resource\$1	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:58
S98	0	"not need\$3"	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 20:58
S99	1861	(deny\$3 denie\$1) near5 resource\$1	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:01
S10 0	582215	(device\$1 peripheral\$1) near4 (unnecessary need\$2 critical requir\$5 non-essential nonessential)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:01
S10 1	1	S99 with S100	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:00
S10 2	0	S99 with (device\$1 peripheral\$1) near3 (rest other remain\$3)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:02
S10 3	114	(deny\$3 denie\$1) near5 (i/o\$2 irq\$2)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:02
S10 4	0	S103 with (device\$1 peripheral\$1) near3 (rest other remain\$3)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:04
S10 5	39	(device\$1 peripheral\$1) near4 request\$3 with (during while) near3 boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:10
S10 6	80841	(device\$1 peripheral\$1) near4 request\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:10
S10 7	166399	(check\$3 determin\$3 verify\$3) near5 (enough sufficient available)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:11
S10 8	47	(grant\$3 near3 request\$1) near4 (device\$1 peripheral\$1) near4 (critical need\$2 necessary essential requir\$5)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:12
S10 9	57	(grant\$3 near3 request\$1) with (device\$1 peripheral\$1) near4 (critical need\$2 necessary essential requir\$5)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:12
S11 0	2	S106 same S107 same S109	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/16 21:12
S11 1	67	((allocat\$3 assign\$4 provid\$3) near4 resource\$1) with (pci near3 (device\$1 periperhal\$1))	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 15:40



## EAST Search History

S11 2	0	S111 with possible	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 15:40
S11 3	3	S111 with (available enough sufficient)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 15:41
S11 4	1263	(determin\$3 check\$3 verif\$7) near4 resource\$1 near4 (availb\$5 enough sufficient)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:12
S11 5	1	S114 with ((device\$1 peripheral\$1) near3 pci)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 15:43
S11 6	75	S114 with (device\$1 peripheral\$1)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 15:44
S11 7	4861	(713/1 713/2 713/100).ccls.	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 15:44
S11 8	1	S116 and S117	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 15:44
S11 9	2	S114 with boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:15
S12 0	2562303	(enough sufficient) naer4 resource\$1 near4 (device\$1 peripheral\$1)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:25
S12 1	3703	S120 with boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:25
S12 2	221	S121 and S117	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:25
S12 3	606	(enough sufficient) near4 resource\$1 near4 (device\$1 peripheral\$1)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:25
S12 4	2	S123 with boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:26
S12 5	4	S123 and S117	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:26
S12 6	5	S124 S125	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:28

## EAST Search History

S12 7	449	pci near3 resource\$1	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:29
S12 8	19	S127 near6 (sufficient enough availab\$5)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:38
S12 9	465	(allocat\$3 provid\$3 assign\$4) near4 memory near4 pci	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 16:38
S13 0	5	S129 near6 (sufficient enough availab\$5)	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 17:02
S13 1	288	efi with boot\$3	US-PGPUB; USPAT; EPO	OR	OFF	2007/11/19 17:02